



Teys Australia Tamworth
32 – 92 Phoenix Street
Tamworth
NSW 2340

Teys Australia Southern Property Pty Ltd, (Trading as Teys Australia Tamworth)

Environmental Monitoring Data Summary

Environmental Protection Licence 1328

Executive Summary

Teys Australia Tamworth is the holder of Environmental Protection Licence (EPL) 1328. This Licence is administered by the *NSW Environmental Protection Authority (EPA)*, and includes conditions relevant to the site's operation, including environmental monitoring, as is outlined in this report. All environmental monitoring results required under EPL 1328 are submitted to the *EPA* each year in a formal annual return. Our current reporting period is from 21st May 2022 to the 20th May 2023.

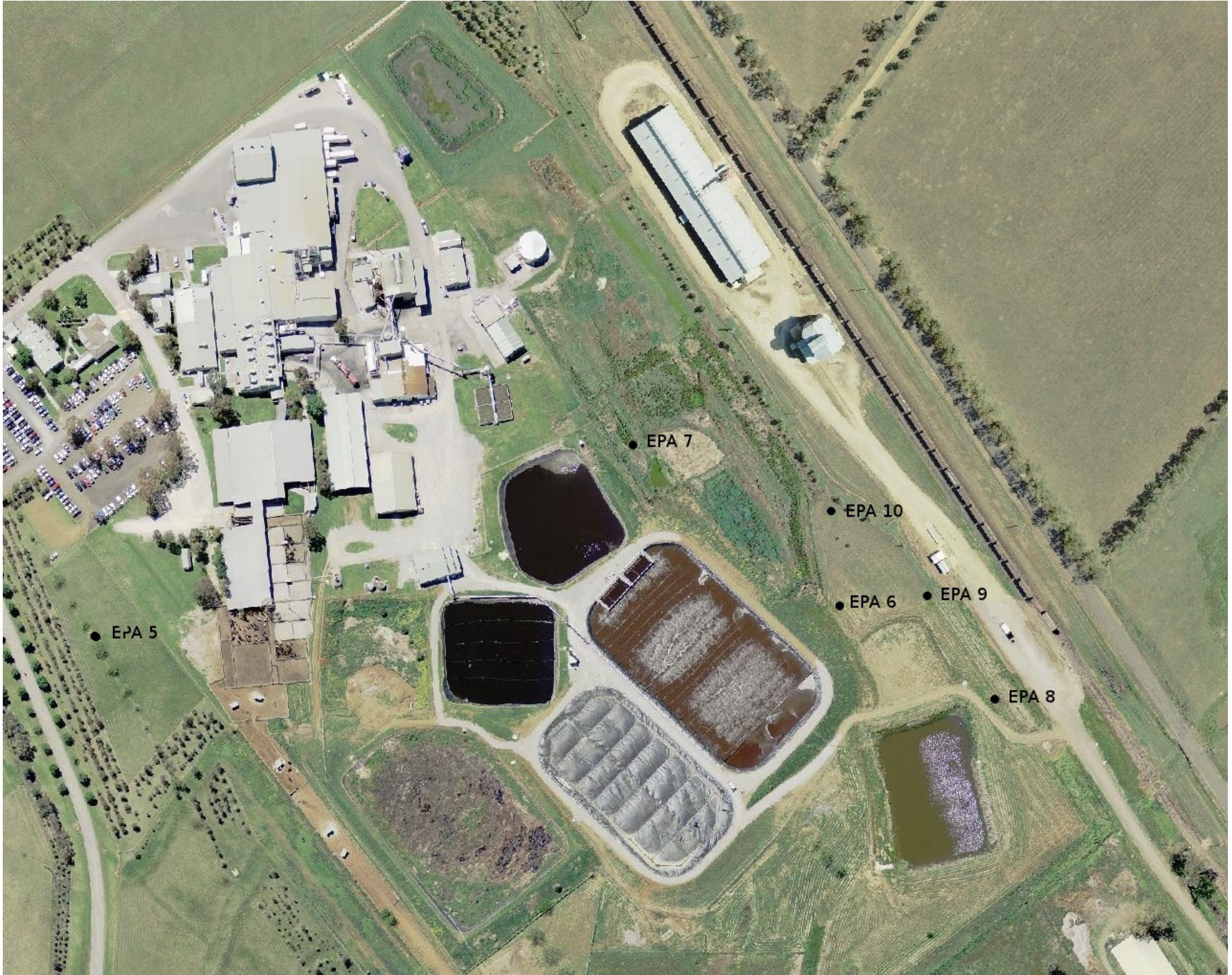
All monitoring specified under EPL 1328 was completed in the 2021/2022 annual reporting period, which covered the period between 21st May 2021 and 20th May 2022.

Nil instances of non – compliance with any of the conditions in EPL 1328 occurred during the reporting period.

Further information is available by contacting the Teys Corporate Environmental team on (07) 31989000.

A full copy of EPL 1328 can be obtained on the EPA website from the following URL using the search function for licence number “1328”:

<http://www.epa.nsw.gov.au/prpoeoapp/>



● EPA 5

● EPA 7

● EPA 10

● EPA 6

● EPA 9

● EPA 8

EPA Monitoring Point 5: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 18/05/2022	Date Obtained 1/06/2022	Date Sampled 30/11/2022	Date Obtained 9/12/2022
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		68	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20		<20	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	7.3		2.28	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	10.35		12.4	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1		0.03	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	11.3		14.1	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.02		0.02	

EPA Monitoring Point 6: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 18/05/2022	Date Obtained 1/06/2022	Date Sampled 30/11/2022	Date Obtained 9/12/2022
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		15	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20		<20	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.06		1.5	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	2.42		10.4	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1		0.02	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	2.9		12.4	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.04		0.02	

EPA Monitoring Point 7: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 18/05/2022	Date Obtained 1/06/2022	Date Sampled 30/11/2022	Date Obtained 9/12/2022
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2			3	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2			<20	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2			3.13	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2			9.2	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2			<0.1	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2			10.2	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2			0.17	

EPA Monitoring Point 8: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 18/05/2022	Date Obtained 1/06/2022	Date Sampled 30/11/2022	Date Obtained 9/12/2022
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2			<2	3
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2			<20	<20
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2			2.12	2.43
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2			38.97	58.8
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2			<0.1	0.04
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2			42.4	58.9
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2			0.03	0.06

EPA Monitoring Point 9: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 18/05/2022	Date Obtained 1/06/2022	Date Sampled 30/11/2022	Date Obtained 9/12/2022
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		21	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20		<20	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	2.14		2.23	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	39.38		59.9	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1		0.03	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	44.4		66	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.1		0.02	

0.033

EPA Monitoring Point 10: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 18/05/2022	Date Obtained 1/06/2022	Date Sampled 30/11/2022	Date Obtained 9/12/2022
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		47	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	20		<20	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	0.89		1.27	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	0.26		6.09	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1		0.02	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	0.8		12.4	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.04		0.06	

Correction Log

Teyes Australia Southern Property Pty Ltd T/A Teys Australia Tamworth

EPL number 1328

Pollutant:

<i>Sample Date and time</i>	<i>Original Data</i>	<i>Corrected Data</i>	<i>Date Corrected</i>	<i>Date originally Published</i>	<i>Reason</i>

Note: No corrections required to date.

One sample due to be collect from EPA test point 7 due to access issues with flooding.